

QUESTIONS AND ANSWERS

TABLE OF QUESTIONS

I. FREQUENTLY ASKED QUESTIONS:	1
Q1. IF I HAVE QUESTIONS ABOUT THIS FUNDING ANNOUNCEMENT, WHO DO I CONTACT?	1
Q2. HOW WILL I RECEIVE A RESPONSE TO QUESTIONS SUBMITTED TO ARPA-E-CO@HQ.DOE.GOV ABOUT THIS FOA?	1
Q3. WILL ARPA-E POST A RESPONSE TO EVERY QUESTION SUBMITTED TO ARPA-E-CO@HQ.DOE.GOV?	1
Q4. IF I HAVE QUESTIONS ABOUT ARPA-E EXCHANGE, WHO DO I CONTACT?	1
Q5. CAN I SPEAK OR MEET WITH THE ARPA-E PROGRAM DIRECTOR OR OTHER ARPA-E PERSONNEL ABOUT THIS FUNDING OPPORTUNITY ANNOUNCEMENT?	1
Q6. CAN A PERSON BE PI ON ONE PROPOSAL AND A CO-PI ON A SECOND SEPARATE PROPOSAL?	2
Q7. MAY APPLICANTS SUBMIT MORE THAN ONE CONCEPT PAPER TO THIS FUNDING OPPORTUNITY?	2
Q8. I HAVE DEVELOPED A TECHNOLOGY THAT MAY BE A GOOD FIT FOR THIS FUNDING OPPORTUNITY. WILL ARPA-E PLEASE REVIEW THE ATTACHED PROJECT INFORMATION AND LET ME KNOW IF I SHOULD MAKE A SUBMISSION TO THIS FUNDING OPPORTUNITY	2
II. QUESTIONS FOR WEEK ENDING: MAY 9, 2014	2
Q9. I AM PLANNING TO PROPOSE THE USE OF **** AND I WAS WONDERING IF **** CAN BE CONSIDERED ON-BODY WEARABLE DEVICES?	2
Q10. I'M NOT ABLE TO LOCATE THE BUSINESS ASSURANCES FORM REFERENCED ON PAGE 32 OF THE FOA. CAN SOMEONE PLEASE SEND ME A COPY?	2
Q11. IS THE COST TARGET FOR THE PRODUCT SUPPOSED TO REFLECT THE COST TO THE CUSTOMER OR THE COST TO MANUFACTURE THE PRODUCT?	2
III. QUESTIONS FOR WEEK ENDING: JUNE 6, 2014	3
Q12. I AM WITH A FOR-PROFIT AGENCY (APPLICANT/COMPANY) THAT DEVELOPS **** IS USED FOR COMMERCIAL BUILDINGS FOR THERMAL MANAGEMENT PURPOSES. I WAS WONDERING IF OUR AGENCY (COMPANY) WOULD BE ELIGIBLE TO APPLY TO ANY OF THE AFOREMENTIONED PROGRAMS OR IF THEY ARE BETTER SERVED BY AGENCIES OF A DIFFERENT NATURE?	3
Q13. IT IS NOTED THAT CHAIRS ARE OF INTEREST PER SECTION I.D, CATEGORY 2 OF THE FOA. WOULD A ROLLING OFFICE CHAIR SATISFY METRIC 2.3 OR MUST THE PROPOSED CONCEPT ALSO FUNCTION FOR A PERSON STANDING BESIDE OR BEHIND (I.E. NOT SEATED ON, BUT WITHIN 0.61M OF) THE ROLLING OFFICE CHAIR?	3
Q14.A I AM WITH THE ****. WE RESPONDED TO THE SUBJECT RFI AND TEAMING LIST. WE HAVE BEEN APPROACHED BY 4 ORGANIZATIONS TO SEE IF WE ARE INTERESTED IN PARTNERING WITH THEM ON THE FOA. **** IS INTERESTED IN COLLABORATING AS A TEAM MEMBER ONLY AND NOT AS THE PRIME OR LEAD PROPOSER TO THE FOA. CAN WE BE INCLUDED AS A TEAM MEMBER ON A PROPOSAL BY MORE THAN 1 ORGANIZATION?	3
Q14.B IF 2 ORGANIZATIONS WERE INTERESTED IN INCLUDING US IN THEIR PROPOSAL, IS THERE A CONFLICT OF INTEREST ISSUE? OBVIOUSLY WE WOULD NOT DIVULGE IDEAS OR CONCEPTS FROM ONE TEAM TO ANOTHER DURING DISCUSSIONS.	3

QUESTIONS AND ANSWERS

TABLE OF QUESTIONS

Q15. IN THE DELTA FOA, SECTION 1.F “APPLICATIONS SPECIFICALLY NOT OF INTEREST,” LISTS “TECHNOLOGIES THAT FOCUS ON ZONE CONTROL IMPROVEMENT BY USING BETTER INSULATION BETWEEN DIFFERENT ZONES (E.G., INDIVIDUAL CONTROL FOR EACH ROOM)” AS NOT OF INTEREST. IS OTHER ZONE CONTROL TECHNOLOGY (WHICH DOES NOT RELATE TO INSULATION) POTENTIALLY OF INTEREST? SPECIFICALLY, COULD A TEAM PROPOSE ****?	4
Q16. SHOULD THE DELTA CONCEPT PAPER HAVE A COVER PAGE? THE REQUIREMENTS DO NOT PROVIDE FOR ONE WITHIN THE PAGE LIMIT, BUT THE CONFIDENTIALITY STATEMENT, IF REQUIRED, IS SAID TO BE PUT ON THE COVER SHEET.	4
IV. QUESTIONS FOR WEEK ENDING: AUGUST 8, 2014	4
Q17. WHAT PROJECT START DATE SHOULD I USE TO PREPARE A PROPOSED BUDGET?	4
Q18. SHOULD THE LAST ITEM UNDER “BUDGET SUMMARY” SECTION ON PAGE 47 OF THE FOA BE INCLUDED UNDER THE “TECHNOLOGY TO MARKET STRATEGY” SECTION OF THE TECHNICAL VOLUME INSTEAD?	4

I. FREQUENTLY ASKED QUESTIONS:

Q1. IF I HAVE QUESTIONS ABOUT THIS FUNDING ANNOUNCEMENT, WHO DO I CONTACT?

ANSWER: Please see the FOA guidance on submitting FOA content questions and response publication. Applicants may submit questions regarding this ARPA-E's Funding Opportunity Announcement (FOA) to ARPA-E-CO@hq.doe.gov. All emails must include the FOA name and number in the subject line. The cover page and Executive Summary of the Funding Opportunity Announcement state the deadlines for submitting questions to ARPA-E-CO@hq.doe.gov.

Q2. HOW WILL I RECEIVE A RESPONSE TO QUESTIONS SUBMITTED TO ARPA-E-CO@HQ.DOE.GOV ABOUT THIS FOA?

ANSWER: Responses are posted in the "Frequently Asked Questions" section of ARPA-E's website. There are general FAQs and a FAQ page for each FOA.

ARPA-E will post responses on a weekly basis to any questions that are received.

ARPA-E will cease to accept questions approximately 5 business days in advance of each submission deadline. Responses to questions received before the cutoff will be posted approximately one business day in advance of the submission deadline. ARPA-E may re-phrase questions or consolidate similar questions for administrative purposes.

Q3. WILL ARPA-E POST A RESPONSE TO EVERY QUESTION SUBMITTED TO ARPA-E-CO@HQ.DOE.GOV?

ANSWER: No. ARPA-E will only post responses to questions that have not already been addressed by a published FAQ. Also, ARPA-E may consolidate similar questions for administrative purposes.

Q4. IF I HAVE QUESTIONS ABOUT ARPA-E EXCHANGE, WHO DO I CONTACT?

ANSWER: Applicants may submit questions regarding ARPA-E's online application portal, ARPA-E eXCHANGE, to ExchangeHelp@hq.doe.gov. All emails must include the name and number of the Funding Opportunity Announcement in the subject line.

Q5. CAN I SPEAK OR MEET WITH THE ARPA-E PROGRAM DIRECTOR OR OTHER ARPA-E PERSONNEL ABOUT THIS FUNDING OPPORTUNITY ANNOUNCEMENT?

ANSWER: No. Upon the issuance of this Funding Opportunity Announcement (FOA), ARPA-E Programs and other ARPA-E personnel are prohibited from communicating (in writing or otherwise) with Applicants, or potential Applicants, regarding the FOA. This "quiet period" remains in effect until ARPA-E's public announcement of its project selections. During the "quiet period," Applicants may submit questions regarding the FOA to ARPA-E-CO@hq.doe.gov with the FOA name and number in the subject line. Applicants may also submit questions regarding ARPA-E's online application portal, ARPA-E eXCHANGE, to ExchangeHelp@hq.doe.gov with the FOA name and number in the subject line. ARPA-E will not accept or respond to communications received by other means (e.g., fax, telephone, mail, hand delivery). Emails sent to other email addresses will be disregarded.

Q6. CAN A PERSON BE PI ON ONE PROPOSAL AND A CO-PI ON A SECOND SEPARATE PROPOSAL?

ANSWER: Yes, but the applications must be scientifically distinct from one another.

Q7. MAY APPLICANTS SUBMIT MORE THAN ONE CONCEPT PAPER TO THIS FUNDING OPPORTUNITY?

ANSWER: Yes, but each Concept Paper submission must be scientifically distinct.

Q8. I HAVE DEVELOPED A TECHNOLOGY THAT MAY BE A GOOD FIT FOR THIS FUNDING OPPORTUNITY. WILL ARPA-E PLEASE REVIEW THE ATTACHED PROJECT INFORMATION AND LET ME KNOW IF I SHOULD MAKE A SUBMISSION TO THIS FUNDING OPPORTUNITY.

ANSWER: No. Applicants must review the Technical Requirements of this funding opportunity announcement to determine if their technology warrants a submission to ARPA-E. See e.g. Section I.D (“Technical Categories of Interest”) and Section I.F (Applications Specifically Not of Interest) of the FOA.

II. Questions for week ending: MAY 9, 2014

Q9. I AM PLANNING TO PROPOSE THE USE OF ** AND I WAS WONDERING IF **** CAN BE CONSIDERED ON-BODY WEARABLE DEVICES?**

ANSWER: ARPA-E will not provide a pre-submission assessment of an Applicant’s technology or proposed concept. Applicants must review the examples of on-body wearable devices provided in Section I.D (Technical Categories of Interest – Category 3) of the FOA and independently determine whether their proposed concept qualifies as an on-body wearable device for the purposes of the DELTA FOA.

Q10. I’M NOT ABLE TO LOCATE THE BUSINESS ASSURANCES FORM REFERENCED ON PAGE 32 OF THE FOA. CAN SOMEONE PLEASE SEND ME A COPY?

ANSWER: The Business Assurances Form for the DELTA FOA has not been uploaded to ARPA-E eXCHANGE (<https://arpa-e-foa.energy.gov/>). ARPA-E will upload the Business Assurances Form and other required forms for Full Applications once the DELTA FOA has been updated with instructions for the Full Application phase in ARPA-E eXCHANGE. For reference, however, you may review an example Business Assurances Form uploaded into ARPA-E eXCHANGE for another recent FOA at the following URL: <https://arpa-e-foa.energy.gov/FileContent.aspx?FileID=1d66bfac-223c-4a82-87e0-fc6490d0602e>.

Q11. IS THE COST TARGET FOR THE PRODUCT SUPPOSED TO REFLECT THE COST TO THE CUSTOMER OR THE COST TO MANUFACTURE THE PRODUCT?

ANSWER: The cost target reflects cost to the customer.

III. Questions for week ending: JUNE 6, 2014

Q12. I AM WITH A FOR-PROFIT AGENCY (APPLICANT/COMPANY) THAT DEVELOPS ** IS USED FOR COMMERCIAL BUILDINGS FOR THERMAL MANAGEMENT PURPOSES. I WAS WONDERING IF OUR AGENCY (COMPANY) WOULD BE ELIGIBLE TO APPLY TO ANY OF THE AFOREMENTIONED PROGRAMS OR IF THEY ARE BETTER SERVED BY AGENCIES OF A DIFFERENT NATURE?**

ANSWER: ARPA-E will not provide a pre-submission assessment of an Applicant's technology, proposed concept, or an Applicant's eligibility to apply to a FOA. Applicants must review the technical categories of interest of this funding opportunity to determine whether their technology warrants a submission to ARPA-E and review the eligibility information provided in the FOA and independently determine whether they are eligible to apply for funding. Please see Section I.D (Technical Categories of Interest) and Section III.A (Eligible Applicants) of the FOA.

Q13. IT IS NOTED THAT CHAIRS ARE OF INTEREST PER SECTION I.D, CATEGORY 2 OF THE FOA. WOULD A ROLLING OFFICE CHAIR SATISFY METRIC 2.3 OR MUST THE PROPOSED CONCEPT ALSO FUNCTION FOR A PERSON STANDING BESIDE OR BEHIND (I.E. NOT SEATED ON, BUT WITHIN 0.61M OF) THE ROLLING OFFICE CHAIR?

ANSWER: ARPA-E will consider any concept paper that advances the program objectives described in Section I.C (Program Objectives) of the FOA and meets the technical performance targets for Category 2 submissions (near range (<1m) wireless energy transfer devices) in Section I.E (Technical Performance Targets) of the FOA. Please note that on May 30, 2014, ARPA-E issued a modification to the DELTA FOA and clarified that Technical Performance Metric No. 2.3 (Range of Motion) is waived for Category 2 submissions where motion is not expected. See footnote number 28 in Section I.E of the FOA.

Q14.A I AM WITH THE **. WE RESPONDED TO THE SUBJECT RFI AND TEAMING LIST. WE HAVE BEEN APPROACHED BY 4 ORGANIZATIONS TO SEE IF WE ARE INTERESTED IN PARTNERING WITH THEM ON THE FOA. **** IS INTERESTED IN COLLABORATING AS A TEAM MEMBER ONLY AND NOT AS THE PRIME OR LEAD PROPOSER TO THE FOA. CAN WE BE INCLUDED AS A TEAM MEMBER ON A PROPOSAL BY MORE THAN 1 ORGANIZATION?**

ANSWER: Yes, provided that each application is scientifically distinct.

Q14.B IF 2 ORGANIZATIONS WERE INTERESTED IN INCLUDING US IN THEIR PROPOSAL, IS THERE A CONFLICT OF INTEREST ISSUE? OBVIOUSLY WE WOULD NOT DIVULGE IDEAS OR CONCEPTS FROM ONE TEAM TO ANOTHER DURING DISCUSSIONS.

ANSWER: A subapplicant's participation in multiple applications (and any subsequent awards) is not prohibited. It is the responsibility of the subapplicant to address any potential concerns - such as

conflicts of interest, intellectual property and confidential information – with the relevant Project Team(s).

Q15. IN THE DELTA FOA, SECTION 1.F “APPLICATIONS SPECIFICALLY NOT OF INTEREST,” LISTS “TECHNOLOGIES THAT FOCUS ON ZONE CONTROL IMPROVEMENT BY USING BETTER INSULATION BETWEEN DIFFERENT ZONES (E.G., INDIVIDUAL CONTROL FOR EACH ROOM)” AS NOT OF INTEREST. IS OTHER ZONE CONTROL TECHNOLOGY (WHICH DOES NOT RELATE TO INSULATION) POTENTIALLY OF INTEREST? SPECIFICALLY, COULD A TEAM PROPOSE **?**

ANSWER: ARPA-E will consider any concept paper that advances the program objectives of the FOA described in Section I.C (Program Objectives) of the FOA and meets the technical performance targets for any category in Section I.E (Technical Performance Targets) of the FOA.

Q16. SHOULD THE DELTA CONCEPT PAPER HAVE A COVER PAGE? THE REQUIREMENTS DO NOT PROVIDE FOR ONE WITHIN THE PAGE LIMIT, BUT THE CONFIDENTIALITY STATEMENT, IF REQUIRED, IS SAID TO BE PUT ON THE COVER SHEET.

ANSWER: Although not required, Applicants are permitted to submit a one page cover sheet for the purpose of including the “Notice of Restriction on Disclosure and Use of Data” statement provided in Section VIII (Marking of Confidential Information) of the FOA with their Concept Paper. Applicants may not include any additional information on the cover page that should be included in the technology description or addendum of the Concept Paper. Please see Section IV.C (Content and Form of Concept Papers) of the FOA for guidance on what information should be included in the technology description and addendum of a Concept Paper submission.

IV. Questions for week ending: AUGUST 8, 2014

Q17. WHAT PROJECT START DATE SHOULD I USE TO PREPARE A PROPOSED BUDGET?

ANSWER: On August 13, 2014, ARPA-E modified the FOA to clarify that applicants should assume a project start date of March 1, 2015 in their proposed budgets. Please see Sections IV.D.2 (“Content and Form of Full Applications – Second Component: SF-424”) and IV.D.3 (“Content and Form of Full Applications – Third Component: Budget Justification Workbook/SF-424A”) to review the modification.

Q18. SHOULD THE LAST ITEM UNDER “BUDGET SUMMARY” SECTION ON PAGE 47 OF THE FOA BE INCLUDED UNDER THE “TECHNOLOGY TO MARKET STRATEGY” SECTION OF THE TECHNICAL VOLUME INSTEAD?

ANSWER: Yes. On August, 13, 2014, ARPA-E modified the FOA and moved the last bullet of the “Budget Summary” Section to the “Technology to Market Strategy” Section of the Technical

Volume. Please see Section IV.D.1 (“Content and Form of Full Applications – First Component: Technical Volume”) to review the modification.